

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Original): An information recording apparatus which records a partial information stream created based on an information stream acquired from the outside in a recording medium, comprising:

a first creating device which creates partial attribute information based on attribute information included in the information stream;

a first recording device which creates the partial information stream repeatedly including the created partial attribute information so as to record it in the recording medium;

a second creating device which creates attachment attribute information for compensating the partial attribute information based on the attribute information; and

a second recording device which records the created attachment attribute information in the recording medium separately from the partial information stream.

Claim 2 (Original): The information recording apparatus according to claim 1, wherein the partial attribute information is standardized so as to be included in the partial information stream and be output essentially.

Claim 3 (Currently Amended): The information recording apparatus according to claim 1 or 2, wherein the first recording device replaces a part of the partial information stream with the partial attribute information so as to create the partial information stream.

Claims 4 – 13 (Canceled)

Claim 14 (New): The information recording apparatus according to claim 2, wherein the first recording device replaces a part of the partial information stream with the partial attribute information so as to create the partial information stream.

Claim 15 (New): The information recording apparatus according claim 1, wherein the information stream is acquired by receiving digital broadcasting according to ARIB (Association of Radio Industries and Businesses) standards.

Claim 16 (New): The information recording apparatus according to claim 2, wherein the information stream is acquired by receiving digital broadcasting according to ARIB (Association of Radio Industries and Businesses) standards.

Claim 17 (New): The information recording apparatus according to claim 3, wherein the information stream is acquired by receiving digital broadcasting according to ARIB (Association of Radio Industries and Businesses) standards.

Claim 18 (New): The information recording apparatus according to claim 14, wherein the information stream is acquired by receiving digital broadcasting according to ARIB (Association of Radio Industries and Businesses) standards.

Claim 19 (New): A recording medium comprising:

a first recording area where the partial information stream repeatedly including partial attribute information representing at least attribute information of the partial information stream is recorded; and

a second recording area where attachment attribute information for compensating the partial attribute information is recorded.

Claim 20 (New): A recording medium reproducing apparatus which reproduces the recording medium according to claim 19, comprising:

a first detecting device which detects the partial information stream recorded in the first recording area;

an extracting device which extracts the partial attribute information from the detected

partial information stream;

a second detecting device which detects the attached attribute information recorded in the second recording area;

a first creating device which compensates the extracted partial attribute information based on the attachment attribute information so as to create stream attribute information;

a second creating device which creates partial information stream repeatedly including the created stream attribute information; and

an output device which outputs the created partial information stream.

Claim 21 (New): The recording medium reproducing apparatus according to claim 20, wherein the second creating device replaces the partial attribute information included in the partial information stream with the created stream attribute information so as to create the partial stream information.

Claim 22 (New): An information recording method of recording partial information stream created based on an information stream acquired from the outside in a recording medium, comprising:

the first creating process for creating partial attribute information based on attribute information included in the information stream;

the first recording process for creating the partial information stream repeatedly including the created partial attribute information so as to recorded it in the recording medium;

the second creating process for creating attachment attribute information for compensating the partial attribute information based on the attribute information; and

the second recording process for recording the created attachment attribute information in the recording medium separately from the partial information stream.

Claim 23 (New): A recording medium reproducing method of reproducing the recording medium according to claim 19, comprising:

the first detecting process for detecting the partial information stream recorded in the first recording area;

the extracting process for extracting the partial attribute information from the detected partial information stream;

the second detecting process for detecting the attachment attribute information recorded in the second recording area;

the first creating process for compensating the extracted partial attribute information based on the attachment attribute information so as to create stream attribute information;

the second creating process for creating a partial information stream repeatedly including the created stream attribute information; and

the output process for outputting the created partial information stream.

Claim 24 (New): An information recording program product which allows an information recording computer included in an information recording apparatus for recording a partial information stream created based on an information stream acquired from the outside in a recording medium to function as:

a first creating device which creates partial attribute information based on attribute information included in the information stream;

a first recording device which creates the partial information stream repeatedly including the created partial attribute information so as to record it in the recording medium;

a second creating device which creates attachment attribute information for compensating the partial attribute information based on the attribute information; and

a second recording device which records the created attachment attribute information in the recording medium separately from the partial information stream.

Claim 25 (New): A recording medium reproducing program product which allows a recording medium reproducing computer included in the recording medium reproducing apparatus according to claim 20 for reproducing the recording medium according to claim 19 to function as:

a first detecting device which detects the partial information stream recorded in the first recording area;

an extracting device which extracts the partial attribute information from the detected partial information stream;

a second detecting device which detects the attachment attribute information recorded in the second recording area;

a first creating device which compensates the extracted partial attribute information based on the attachment attribute information so as to create stream attribute information;

a second creating device which creates a partial information stream repeatedly including the created stream attribute information; and

an output device which outputs the created partial information stream.

Claim 26 (New): An information recording medium in which the information recording program product according to claim 24 is recorded so as to be readable by the information recording computer.

Claim 27 (New): An information recording medium in which the recording medium reproducing program product according to claim 25 is recorded so as to be readable by the output computer.